



Micrel / Microchip Technology

## DSPIC33FJ32MC304-I/PT

Part Number:	DSPIC33FJ32MC304-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 32KB FLASH 44TQFP <a href="#">1.DSPIC33FJ32MC304-I/PT.pdf</a> <a href="#">2.DSPIC33FJ32MC304-I/PT.pdf</a> <a href="#">3.DSPIC33FJ32MC304-I/PT.pdf</a> <a href="#">4.DSPIC33FJ32MC304-I/PT.pdf</a> <a href="#">5.DSPIC33FJ32MC304-I/PT.pdf</a>
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of DSPIC33FJ32MC304-I/PT

PART NUMBER	DSPIC33FJ32MC304-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 32KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.DSPIC33FJ32MC304-I/PT.pdf</a> <a href="#">2.DSPIC33FJ32MC304-I/PT.pdf</a> <a href="#">3.DSPIC33FJ32MC304-I/PT.pdf</a> <a href="#">4.DSPIC33FJ32MC304-I/PT.pdf</a> <a href="#">5.DSPIC33FJ32MC304-I/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	40 MIPS
SERIES	dsPIC™ 33F
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT
PACKAGING	Tray
PACKAGE / CASE	44-TQFP
OTHER NAMES	DSPIC33FJ32MC304IPT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	35
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	15 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPS 32KB (32K x 8) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 9x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33FJ32MC304

### Related Tags

Micrel / Microchip Technology DSPIC33FJ32MC304-I/PT	DSPIC33FJ32MC304-I/PT Distributor	DSPIC33FJ32MC304-I/PT Supplier
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### Related Products

<p><b>DSPIC33FJ32MC304-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 32KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64GP202-E/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 28QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ64GP202-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 28SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64GP202-I/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 28QFN                  In stock: 337 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ32MC304-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 32KB FLASH 44QFN                  In stock: 21 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ32MC304T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 32KB FLASH 44QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ32MC302T-I/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 32KB FLASH 28QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ32MC302-I/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 32KB FLASH 28SDIP                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ32MC304-E/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 32KB FLASH 44QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ32MC302T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 32KB FLASH 28SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ32MC304T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 32KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64GP202-E/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 28SDIP                  In stock: 10 pcs  <a href="#">RFQ</a></p>

